

## ABSTRACT OF THE DISCLOSURE

A component mounting apparatus includes a board transfer section for carrying in circuit boards to a component mounting position and carrying out the circuit board after a component-mounting operation. A component feed section is provided for feeding, to a specified position, a component to be mounted onto the circuit board, and a component mounting section is provided for loading a suction nozzle matching the component to be mounted, sucking up the component from the component feed section and moving the component to the mounting position, and mounting the component on a specified site of the circuit board. A controller is provided for controlling operations of the individual sections in order to execute a productional operation of component-mounting onto the circuit boards. Also, a remaining-component discarding device performs an operation of discarding a component which remains at the suction nozzle during a time period following the component-mounting operation while the component mounting section is stopped.